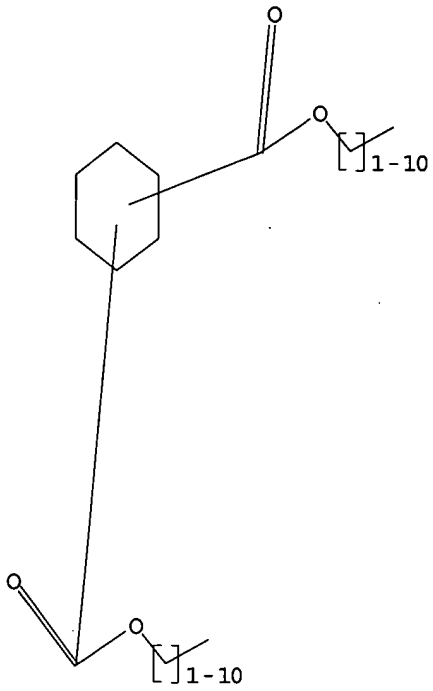
loading C:\Program Files\Stnexp\Queries\287.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 18:39:39 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 69296 TO ITERATE

2.9% PROCESSED 2000 ITERATIONS 33 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1370252 TO 1401588
PROJECTED ANSWERS: 20839 TO 24895

L2 33 SEA SSS SAM L1

L3 52 L2

```
=> s l1 full
   REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.



FULL SEARCH INITIATED 18:39:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  1381725 TO ITERATE

 72.4% PROCESSED  1000000 ITERATIONS                          14423 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.13

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:      1381725 TO  1381725
PROJECTED ANSWERS:           19505 TO    20351

L4         14423 SEA SSS FUL L1



L5          6324 L4

=> s l5 and py<1999
      19136779 PY<1999
L6          3820 L5 AND PY<1999

=> s l6 an acid number and sulfur and phosphrous and peroxide
MISSING OPERATOR L6 AN
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l6 and acid number and sulfur and phosphrous and peroxide
        4182231 ACID
         122278 NUMBER
           1209 ACID NUMBER
                  (ACID(W)NUMBER)
         353246 SULFUR
             97 PHOSPHROUS
         204117 PEROXIDE
L7            0 L6 AND ACID NUMBER AND SULFUR AND PHOSPHROUS AND PEROXIDE

=> s l6 and acid number and sulfur and peroxide
        4182231 ACID
         122278 NUMBER
           1209 ACID NUMBER
                  (ACID(W)NUMBER)
         353246 SULFUR
         204117 PEROXIDE
L8            0 L6 AND ACID NUMBER AND SULFUR AND PEROXIDE

=> s l6 and sulfur
         353246 SULFUR
L9           32 L6 AND SULFUR

=> s l6 and phosphorus
         300194 PHOSPHORUS
L10          38 L6 AND PHOSPHORUS

=> s l6 and phosphorus and sulfur
```

```
        300194 PHOSPHORUS
        353246 SULFUR
L11          2 L6 AND PHOSPHORUS AND SULFUR

=> s l9 and l10
L12          2 L9 AND L10

=> d 1-2 ibib abs hitstr

L12  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         1995:818574  CAPLUS
DOCUMENT NUMBER:          123:202246
TITLE:                    Curable composition, thermal latent acid catalyst,
                          method of coating, coated article, method of molding
                          and molded article.
INVENTOR(S):              Nakane, Yoshinori; Mizutani, Hiroki; Ishibashi,
                          Hayato; Ishidoya, Masahiro
PATENT ASSIGNEE(S):       Nof Corp., Japan
SOURCE:                   Eur. Pat. Appl., 83 pp.
                          CODEN: EPXXDW
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   2
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
     EP 643112             A2    19950315    EP 1994-113667          19940901 <--
     EP 643112             A3    19960515
     EP 643112             B1    19970730
         R:  BE, CH, DE, ES, FR, GB, IT, LI, NL, SE
     ES 2106422            T3    19971101    ES 1994-113667          19940901 <--
     US 5922633            A     19990713    US 1997-844050          19970418
     US 6030571            A     20000229    US 1997-862057          19970522
     JP 2005036236         A2    20050210    JP 2004-241648          20040820
PRIORITY APPLN. INFO.:                       JP 1993-243512      A   19930906
                                             JP 1993-243513      A   19930906
                                             JP 1994-58368       A   19940304
                                             JP 1994-66470       A   19940311
                                             JP 1994-73778       A   19940322
                                             JP 1994-79239       A   19940328
                                             JP 1994-130900      A   19940523
                                             JP 1994-130901      A   19940523
                                             JP 1994-203026      A3  19940805
                                             US 1994-297588      A3  19940829
OTHER SOURCE(S):          MARPAT 123:202246
AB   A storage-stable, curable composition comprises (A) a compound having in the
mol.
     two or more specific blocked carboxyl groups; (B) a compound having in the
     mol. two or more reactive functional groups which can form chemical bonds
     with the blocked carboxyl groups, and (C) a catalytic component selected
     from the group consisting of a thermal latent acid catalyst which
     comprises (a) (i) a compound having a epoxy group, (ii) a specific compound
     having a sulfur atom and (iii) a specific Lewis acid; a thermal
     latent acid catalyst which comprises (b) (v) a specific compound having at
     least one selected from the group consisting of a nitrogen atom, an oxygen
     atom, a phosphorus atom and a sulfur atom, (vi) a
     specific compound having a halogen atom and (vii) a specific Lewis acid
     having at least one selected from the group consisting of an aluminum
     atom, a zinc atom and a tin atom; and a mixture which comprises (c) (viii) a
     metallic chelate compound and (ix) a specific organic silicon compound or its
the
     condensate.  A two component curable composition is prepared by mixing (I) a
main
```

material composition or a solution thereof comprising the compound (A) and the compound (B) or a self-crosslinkable compound (D) having in the mol. ≥1 blocked carboxyl groups and ≥1 group that forms chemical bonds with the carboxyl groups during curing, and (II) an above-described acid catalyst. The curable composition of the invention gives cured products having excellent chemical properties, phys. properties, weathering resistance, stain resistance and excellent appearance. A typical composition for coatings contained 100 parts 57.2% solution of copolymer of CH2:CMeCO2CHMeOEt 167.2, Bu methacrylate 100, Me methacrylate 178.6, and 2-ethylhexyl acrylate 135.4, 15.5 parts Denacol EX 421 (epoxy resin), 1.7 parts latent catalyst containing propylene oxide 11.62, Pr sulfide 23.64, and Sn octanoate 40.51, 52.4 parts TiO2, 0.3 parts Modaflow, 10 parts xylene, and 2 parts BuOAc.

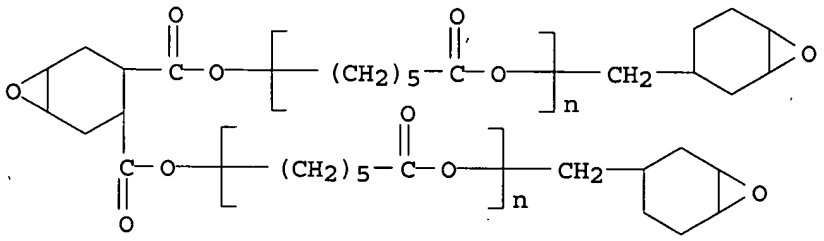
IT 168194-26-1P
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(thermoset coatings with good chemical and phys. properties and weather and stain resistance)

RN 168194-26-1 CAPLUS

CN 1,3-Isobenzofurandione, hexahydro-, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and ω,ω'-[7-oxabicyclo[4.1.0]heptane-3,4-diylbis(carbonyloxy)]bis[α-(7-oxabicyclo[4.1.0]hept-3-ylmethyl)poly[oxy(1-oxo-1,6-hexanediyl)]] (9CI) (CA INDEX NAME)

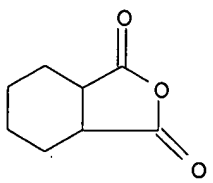
CM 1

CRN 151465-24-6
CMF (C6 H10 O2)n (C6 H10 O2)n C22 H30 O7
CCI PMS



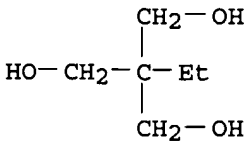
CM 2

CRN 85-42-7
CMF C8 H10 O3



CM 3

CRN 77-99-6
CMF C6 H14 O3



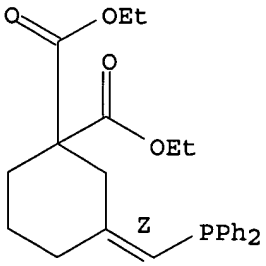
L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:238663 CAPLUS
DOCUMENT NUMBER: 123:143564
TITLE: Radical cyclization of dienes and enynes using phosphorus- and sulfur-centered radicals
AUTHOR(S): Brumwell, Julie E.; Simpkins, Nigel S.; Terrett, Nicholas K.
CORPORATE SOURCE: Dep. of Chemistry, Univ. of Nottingham, Nottingham, NG7 2RD, UK
SOURCE: Tetrahedron (1994), 50(47), 13533-52
CODEN: TETRAB; ISSN: 0040-4020
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 123:143564

AB Reaction of a number of 1,6-diene or enyne systems [e.g., 3-(allyloxy)- or 3-(propargyloxy)cyclohexene] with p-MeC6H4SO2SePh under free radical conditions results in selenosulfonylation with concomitant C-C bond formation to give cyclic compds. (e.g., perhydrobenzofurans) containing tosylmethyl or tosylmethylene substituents and the synthetically useful phenylselenyl functionally. Similar cyclizations are possible by using Ph2PH in place of p-MeC6H4SO2SePh.

IT 166301-82-2P 166301-83-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(radical cyclization of dienes and enynes using phosphorus- and sulfur-centered radicals)

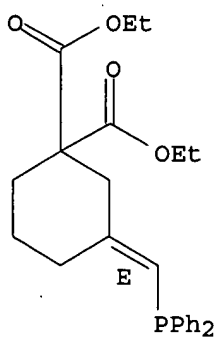
RN 166301-82-2 CAPLUS
CN 1,1-Cyclohexanedicarboxylic acid, 3-[(diphenylphosphino)methylene]-, diethyl ester, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 166301-83-3 CAPLUS
CN 1,1-Cyclohexanedicarboxylic acid, 3-[(diphenylphosphino)methylene]-, diethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.


O
OEt
O
OEt
E
PPh2

=>